Express Hai (No. Ed36C58C451US

PCT

REQUEST

For receiving Office use only	,0,
International Application No.	
The state of the s	
International Filing Date	
Name of receiving Office and "PCT International Application	ation"

	International I thing Date	·				
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"					
	Applicant's or agent's file reference (if desired) (12 characters maximum) BRL 20 PCT					
Box No. 1 TITLE OF INVENTION MECHANICAL	COMPONENT H	AVING AT LEAST ONE FLUID				
		DESIGNING SAME IN STRATA				
Box No. II APPLICANT This person	n is also inventor					
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of a Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in this	Telephone No.				
CIRTES SRC		Facsimile No.				
CORPORATION - CO-OPERATIVE JOIN	IT VENTURE	Teleprinter No.				
29 bis, rue d'Hellieule						
88100 SAINT DIE DES VOSGES FRANCE		Applicant's registration No. with the Office				
State (that is, country) of nationality: FRANCE	State (that is, country) FRANCE	of residence:				
This person is applicant for the purposes of: all designated States All designated the United States	d States except thates of America	the United States the States indicated in the Supplemental Box				
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)					
Name and address: (Family name followed by given name: for a legal enterprise The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence of Chemin de la Roche Le Champ Trexon 88100 COINCHES FRANCE	he address indicated in this ce is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country)	of residence:				
FRANCE	FRANCE					
This person is applicant for the purposes of: all designated all designated the United States		he United States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated of	on a continuation sheet.					
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS FOR	CORRESPONDENCE				
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities		gent common representative				
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of c	ity, full official designation. ountry.)	Telephone No.				
POUPON, Michel	· · ·	+33.3.29.64.05.93				
Cabinet Michel POUPON	1	Facsimile No.				
3, rue Ferdinand Brunot	<u> </u>	+33.3.29.64.17.33 Teleprinter No.				
88026 EPINAL CEDEX		receptation 140.				
FRANCE	}	Agent's registration No. with the Office				
TRAINCE		92.1205				
Address for correspondence: Mark this check-box where						

Sheet No. ...2..

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)							
If none of the following sub-boxes is used, this sheet should n	ot be included in the re	quest.					
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	This person is: applicant only						
PELAINGRE, Cyril	_	X applicant and inventor					
3, rue de l'Ermitage		inventor only (If this check-box is marked, do not fill in below.)					
88100 SAINT DIE FRANCE		Applicant's registration No. with the Office					
		Applicant stegistration 170, with the Office					
State (that is, country) of nationality:	State (that is, country,) of residence:					
FRANCE	FRANCE						
This person is applicant for the purposes of: all designated the United States all designated the United States	d States except tates of America	the United States of America only the States indicated in the Supplemental Box					
Name and address: (Family name followed by given name; for a legal enterprise address must include postal code and name of country. The country of to	he address indicated in this	This person is:					
Box is the applicant's State (that is, country) of residence if no State of residen	ce is indicated below.)	applicant only					
CUNIN, Denis		X applicant and inventor					
9, route de l'Exipré		inventor only (If this check-box is marked, do not fill in below.)					
88600 LES POULIERES	•	<u> </u>					
FRANCE		Applicant's registration No. with the Office					
State (that is, country) of nationality: FRANCE	State (that is, country) FRANCE	of residence:					
This person is applicant for the purposes of:	d States except tates of America	the United States of America only the States indicated in the Supplemental Box					
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of resident LEVAILLANT, Christophe 14, rue des Trois Tarn 81000 ALBI FRANCE	he address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office					
State (that is, country) of nationality:	State (that is, country)	of residence:					
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This person is applicant for the purposes of: all designated the United States all designated the United States	d States except	the United States the States indicated in the Supplemental Box					
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State (that is, country) of nationality:	State (that is, country)	of residence:					
This person is applicant all designated all designated for the purposes of:		the United States the States indicated in the Supplemental Box					
Further applicants and/or (further) inventors are indicated of	on another continuation s	heet.					

Sheet No. ...3....

Bo	x No	o. V	DESIGNATION OF STATES	s	λ	Mark the applicable check-boxes below	; at	leas	t one must be marked.
Th	e fo	llowi	ng designations are hereby made	und	er R	ule 4.9(a):			
			Patent						
	_	Al SI St	RIPO Patent: GH Ghana, G L Sierra Leone, SZ Swaziland, Ta ate which is a Contracting State	Z Un of th	ited ie H	bia, KE Kenya, LS Lesotho, MW Republic of Tanzania, UG Uganda, arare Protocol and of the PCT (if oth	ZM her k	Zan cind	nbia, ZW Zimbabwe, and any other of protection or treatment desired,
×	EA	RI				aijan, BY Belarus, KG Kyrgyzstan, l Turkmenistan, and any other State v			
X	EP	Re HI SI	public, DE Germany, DK Denn U Hungary, IE Ireland, IT Italy, I	nark, LU L	EE uxe	n, BG Bulgaria, CH & LI Switzerlan Estonia, ES Spain, FI Finland, FR mbourg, MC Monaco, NL Netherlan any other State which is a Contractin	Frands, l	nce, PT I	GB United Kingdom, GR Greece, Portugal, RO Romania, SE Sweden,
		GA TI of	A Gabon, GN Guinea, GQ Equa Chad, TG Togo, and any other protection or treatment desired,	toria State spec	l G wh ify	n, CF Central African Republic, CG uinea, GW Guinea-Bissau, ML Mal uich is a member State of OAPI and a on dotted line)	i, M Co	IR N	Mauritania, NE Niger, SN Senegal, cting State of the PCT (if other kind
						ment desired, specify on dotted line):			
						Croatia			
M	AG	Anti	igua and Barbuda ania	X	HU	Hungary			
X	AL	Alba	ania	X	ID	Indonesia	M	PH	Philippines
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		Cana				Kazakhstan	-		
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						Lesotho		IJ	Tajikistan
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M	CZ	Capa	ch Republic	<u>⊠</u> .	LIU LIV				Turkey
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X	GD	Gren	ada	137 1	M7.	Mozambique	7	VII	Serbia and Montenegro
X	GE	Geor	gia		NI .				South Africa
X	GН	Ghar	na	X 1	O				Zambia
X	GM	Gam				New Zealand			
<u></u>									
Che	ck-t	юxes	below reserved for designating S	State	s wl	nich have become party to the PCT a			
									• • • • • • • • • • • • • • • • • • • •
Pre othe	caut er de	iona:	ry Designation Statement: In a	addit	ion	to the designations made above, the	appl	icar	nt also makes under Rule 4.9(b) all

other designations which would be permitted under the PCT except any designations (s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet	No		4	

Box No. VI PRIORITY CLAIM							
The priority of the following	earlier application(s) is hereb	by claimed:					
Filing date	Number of parliar application	" nere carner application					
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office			
item (1) 7 October 2002 (07/10/2002)	02 12389	FRANCE					
item (2)							
item (3)							
item (4)							
item (5)							
Further priority claims a	are indicated in the Supplement	ntal Box.	<u> </u>				
The receiving Office is reque if the earlier application was fabove as:	ested to prepare and transmit to filed with the Office which for to	to the International Bureau the purposes of this interna	a certified copy of the e	arlier application(s) (only eceiving Office) identified			
all items item (1) item (2)	item (3) item ((4)	other, see Supplemental Box			
* Where the earlier application Industrial Property or one Me	on is an ARIPO application, inc ember of the World Trade Org	dicate at least one country ganization for which that e	party to the Paris Conver carlier application was file	ntion for the Protection of ed (Rule 4.10(b)(ii)):			
Box No. VII INTERNATI	IONAL SEARCHING AUT	HORITY					
international search, indicate	rching Authority (ISA) (if tw the Authority chosen; the two-	vo or more International Se letter code may be used):	earching Authorities are o	competent to carry out the			
Request to use results of ear	rlier search; reference to th	12t search (if an earlier se	arch has been carried ou	t by or requested from the			
International Searching Autho Date (day/month/year)	ority): Numbe			i by or requestions. on the			
13 May 2003	FA 628		try <i>(or regional Office)</i> FRANCE				
Box No. VIII DECLARAT			T C II C D				
The following declarations a	are contained in Boxes Nos. V	VIII (i) to (v) (mark the ap	oplicable	Number of			
check-boxes below and indicat	e in the right column the numi	ber of each type of declara	tion):	declarations			
Box No. VIII (i)	Declaration as to the identity	of the inventor		:			
Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent						
Box No. VIII (iii)	Declaration as to the applic date, to claim the priority o		e international filing	:			
Box No. VIII (iv)	Declaration of inventorship United States of America)	(only for the purposes of	the designation of the	:			
Box No. VIII (v)	Declaration as to non-prejud	dicial disclosures or excep	otions to lack of novelty	:			

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Sheet	No.	٠	

Box No. IX CHECK LIST; LA	NGUAGE	OF FILI	NG			
This international application conta (a) in paper form, the following numbers:		item(s)	ternational application is accompanied by th e followin (mark the applicable check-boxes below and indicate in olumn the number of each item):		umber f items	
request (including	_	. =	fee calculation sheet	:		
declaration sheets) : description (excluding	5		original separate power of attorney	· :		
sequence listings and/or		3.		:		
tables related thereto) :	12	4.		,		
claims :	2	5. 🗆	if any:			
abstract :	1	6.	priority document(s) identified in Box No. VI as	•		
drawings :	4	". 🗀	item(s):	:		
Sub-total number of sheets: sequence listings:	24	7. 🗆	translation of international application into (language):	:		
tables related thereto : (for both, actual number of		8.				
sheets if filed in paper form, whether or not also filed in		9. 🗆	_	•		
computer readable form; see (c) below) —		(i)	copy submitted for the purposes of international ser Rule 13 <i>ter</i> only (and not as part of the international	arch under		
Total number of sheets: (b) only in computer readable	24 form	(ii)	(only where check-box (b)(i) or (c)(i) is marked in left additional copies including, where applicable, the copurposes of international search under Rule 13ter	column)		
(Section 801(a)(i)) (i) sequence listings		(iii)	together with relevant statement as to the identity o	f the copy or		
(ii) ☐ tables related thereto (c) ☐ also in computer readable	form	10. 🗖	copies with the sequence listings mentioned in left tables in computer readable form related to sequence li (indicate type and number of carriers)			
(Section 801(a)(ii)) (i) ☐ sequence listings		(i)	Copy submitted for the purposes of international sea	arch under		
(ii) tables related thereto	-1	415	Section 802(b-quater) only (and not as part of the in application)	:		
Type and number of carriers (d CD-ROM, CD-R or other) on whi contained the	ich are	(11)	(only where check-box (b)(ii) or (c)(ii) is marked in lej additional copies including, where applicable, the c purposes of international search under Section 802(t column) opy for the (b-auater)		
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(additional copies to be indicated items 9(ii) and/or 10(ii), in right c	under column)	11.	other (specify):	:		
should decompany the destruct.	3a	internation	ge of filing of the onal application: FRENCH	, .		
Box No. X SIGNATURE OF A Next to each signature, indicate the name of	PPLICANT the person sign	[, AGEN] ting and the	TOR COMMON REPRESENTATIVE capacity in which the person signs (if such capacity is not obvious)	from reading the rec	quest).	
Michel POUPON				<u> </u>	/	
Agent						
		— For re	ceiving Office use only			
1. Date of actual receipt of the purp	orted	1 01 10	oriting office use only	2. Drawings:		
international application:].	z. Diawings:		
2 Competed data of actual actual actual				received:	;	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:						
4. Date of timely receipt of the required corrections under PCT Article 11(2):					/ed:	
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid						
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Date of receipt of the record copy by the International Bureau:						
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